

What is claimed:

1. A vaso-occlusive device, comprising:
an occlusive member having a lumen; and
an agent carrier disposed within the lumen, the agent carrier comprising or
5 otherwise carrying a bioactive agent that elicits a biological reaction inside a
body.

2. The vaso-occlusive device of claim 1, wherein the agent carrier is secured
to the occlusive member.

10 3. The vaso-occlusive device of claim 2, wherein the agent carrier is secured
to the occlusive member by an adhesive.

4. The vaso-occlusive device of claim 2, the occlusive member having first
15 and second ends, wherein the agent carrier is secured at one or both ends of the
occlusive member.

5. The vaso-occlusive device of claim 2, wherein the agent carrier is secured
at one or more locations along a length of the occlusive member.

20 6. The vaso-occlusive device of claim 1, wherein the bioactive agent
comprises a homopolymer, a copolymer, or a combination thereof.

7. The vaso-occlusive device of claim 6, wherein the bioactive agent comprises one or more of a polyester, acrylic, polyether, polysiloxane, polyurethane and polycarbonate.

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8. The vaso-occlusive device of claim 1, wherein one or both of the agent carrier and bioactive agent comprises one or more of a synthetic polymer, polysaccharide and protein.

10 9. The vaso-occlusive device of claim 8, wherein one or both of the agent carrier and bioactive agent comprises one or more of polyglycolic acid, polylactic acid, polycaprolactone, polyhydroxyalkanoate, polydioxanone, poly(trimethylene carbonate), polyanhydride, and polyamino acid, and copolymers thereof.

15 10. The vaso-occlusive device of claim 8, wherein one or both of the agent carrier and bioactive agent comprises one or more of poly(g-ethyl glutamate), poly(DTH iminocarbonate), poly(bisphenol A iminocarbonate), and polyarylate, and copolymers thereof.

20 11. The vaso-occlusive device of claim 1, wherein the agent carrier has an elongate shape.

12. The vaso-occlusive device of claim 1, wherein the occlusive member is a coil.

13. The vaso-occlusive device of claim 12, wherein the agent carrier has a coil
5 shape.

14. The vaso-occlusive device of claim 1, wherein the agent carrier comprises a material that adheres or absorbs the bioactive material.

10 15. A vaso-occlusive device, comprising:
an occlusive member having a lumen; and
an active element carried in the lumen, wherein the active element expands or contracts when placed in a body to thereby cause the occlusive member to substantially retain its shape when deployed in a body cavity,
15 the active element comprising or otherwise carrying a bioactive agent that elicits a biological reaction inside a body.